

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|--------------------------------|------------------|---------|---------------------|
| L1    | 1     | 10/511905   | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L2    | 2     | "20050216498"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L3    | 6     | ((find SEARCH) and ((RULE near2 (table list record STORAGE) and ((USER near INTERFACE) I/F LINK adapter) and (REQUEST instruction command) and (haNDLE near PROGRAM) and ((dATA near STORAGE) memory queue) | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L4    | 262   | ((find SEARCH) and ((table list record STORAGE) and ((USER near INTERFACE) I/F LINK adapter) and (REQUEST instruction command) and (haNDLE near PROGRAM) and ((dATA near STORAGE) memory queue)             | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L5    | 57173 | (710/36 710/39-41).ccls.<br>(707/102 707/110).ccls.<br>(g06f3/00 g06f7/00<br>g06f17/00 g06f17/30).ipc.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L6    | 176   | (L4) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L7    | 11879 | (L5) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L8    | 3     | (L3) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L9    | 429   | ((nektarios near georgalas)<br>(michael near fisher) (clare near bradford) and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |
| L10   | 4     | ((nektarios near georgalas)<br>(michael near fisher) (clare near bradford)) and british near telecommunications<br>and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2009/04/21<br>13:33 |

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| L11 | 337   | ((nektarios near georgalas) (michael near fisher) (clare near bradford)) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L12 | 37    | (US-20060058987-\$ or US-20020169979-\$ or US-20030037206-\$ or US-20030200194-\$ or US-20040044718-\$ or US-20040264500-\$ or US-20050021818-\$ or US-20050128951-\$ or US-20050204114-\$ or US-20050246452-\$ or US-20060190505-\$ or US-20070005404-\$ or US-20070005766-\$).did. or (US-6154849-\$ or US-6289394-\$ or US-6584502-\$ or US-6275228-\$ or US-5182705-\$ or US-5557515-\$ or US-5864558-\$ or US-6222850-\$ or US-6272612-\$ or US-6314555-\$ or US-6708173-\$ or US-6876668-\$ or US-6877066-\$ or US-7076562-\$ or US-7089228-\$ or US-7185046-\$ or US-6968329-\$ or US-5691917-\$ or US-5530868-\$ or US-5291599-\$ or US-5634070-\$ or US-5657451-\$ or US-5708838-\$ or US-5742673-\$ or US-5768591-\$ or US-5774721-\$).did. or (US-6003129-\$ or US-6070218-\$ or US-6070219-\$ or US-4266294-\$ or US-4393470-\$ or US-4595980-\$ or US-4621326-\$ or US-4866421-\$ or US-5012403-\$ or US-5197138-\$).did. | US-PGPUB;<br>USPAT             | OR | OFF | 2009/04/21<br>13:33 |
| L13 | 1     | L12 and L5   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L14 | 14    | (data near storage near system near interface) and "707".clas. and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L15 | 7     | (data near storage near system near interface).ti. and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L16 | 12046 | (L3 L4 L5) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |

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| L17 | 0   | (nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | AND | OFF | 2009/04/21<br>13:33 |
| L18 | 425 | (nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and british<br>near telecommunications<br>and @ad< "20030508"                             | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L19 | 425 | (nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and british<br>near telecommunications<br>and @ay= "2003"                                 | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L20 | 0   | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and british<br>near telecommunications<br>and @ay= "2003"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L21 | 0   | (nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | AND | OFF | 2009/04/21<br>13:33 |
| L22 | 1   | L12 and (L3 L4 L5 L16 L6 L7<br>L8 L17 L18 L19 L20 L10<br>L11 L21)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L23 | 23  | database same (policy near<br>document) and user near<br>(interface i/F) and (table list<br>(rule near store)) and<br>@ad< "20030508"                                  | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | ON  | 2009/04/21<br>13:33 |
| L24 | 28  | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and<br>database and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L25 | 16  | (rule near store) same<br>(handler program) and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L26 | 14  | (rule near store) same<br>(handler program) and<br>(interface I/F) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | OFF | 2009/04/21<br>13:33 |
| L27 | 0   | ((data near storage) same<br>((rule near store) database<br>(data near bank)) same<br>(user near (interface I/F))<br>and (handler near program)<br>and @ad< "20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR  | ON  | 2009/04/21<br>13:33 |

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| L28 | 2  | 707/3.ccls. and (search\$3 and receive\$3 and user near interface) and (modify\$3 near (rule)) and @pd<"20020508"                        | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L29 | 0  | 707/3.ccls. and user near (change\$3 modify\$3) near rule and @pd<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L30 | 2  | 707/3.ccls. and dynamic near rule and @pd<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L31 | 0  | 707/3.cor. and dynamic near rule and @pd<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L32 | 59 | 707/3.cor. and (search\$3 and receive\$3 and user near interface) and (rule) and @pd<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L33 | 32 | ((database databank) same ((object?oriented near program\$4) object? oriented) same handler and (user near interface) and @ad<"20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L34 | 7  | ((database databank) same ((object?oriented near program\$4) object? oriented) same handler and user near interface and @ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L35 | 25 | L33 not L34  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L36 | 5  | ((database databank (data near storage near system)) and (handler near program) same (user near interface) and @ad<"20030508"            | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L37 | 27 | ((handler near program) same ((name ID identification) and (location address)) and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L38 | 38 | ((database databank (data near storage near system)) same store near2 handler and @ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L39 | 14 | ((database databank (data near storage near system)) same store adj5 handler and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |

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| L40 | 1     | Wo01/75589   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L41 | 23    | program near ((ID name)<br>and (address location))<br>same (database databank)<br>and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L42 | 6     | L41 and "707".das.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L43 | 1     | L41 and "707".das. and<br>default  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L44 | 3     | L41 and default not L42  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L45 | 6     | ((find SEARCH) and (RULE<br>near2 (table list record<br>STORAGE) and ((USER<br>near INTERFACE) I/F LINK<br>adapter) and (REQUEST<br>instruction command) and<br>(HANDLE near PROGRAM)<br>and ((DATA near STORAGE)<br>memory queue) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L46 | 262   | ((find SEARCH) and ((table<br>list record STORAGE) and<br>((USER near INTERFACE) I/<br>F LINK adapter) and<br>(REQUEST instruction<br>command) and (HANDLE<br>near PROGRAM) and ((DATA<br>near STORAGE) memory<br>queue)           | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L47 | 176   | (L46) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L48 | 57173 | (710/36 710/39-41).ccls.<br>(707/102 707/110).ccls.<br>g06f3/00 g06f7/00<br>g06f17/00 g06f17/30).ipc.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L49 | 11879 | (L48) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L50 | 429   | ((nektarios near georgalas)<br>(michael near fisher) (dare<br>near bradford) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L51 | 337   | ((nektarios near georgalas)<br>(michael near fisher) (dare<br>near bradford)) and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |

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| L52 | 122   | (data near storage near system near interface) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L53 | 40    | (data near storage near system near interface) and "710".das. and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L54 | 9083  | (add\$3 remov\$3 chang\$3) near database and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L55 | 9610  | (add\$3 remov\$3 chang\$3) near database and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L56 | 193   | database and (policy near document) and user near (interface I/F) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L57 | 1     | (rule near store) same handler near program   | US-PGPUB;<br>USPAT             | OR | OFF | 2009/04/21<br>13:33 |
| L58 | 2     | (rule near store) same (handler same program)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L59 | 46    | (rule near store) same (handler program)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L60 | 193   | (add\$3 remov\$3 chang\$3) near database and (dynamic \$4 near \$2configur\$4) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L61 | 1218  | (user customer client subscriber) near2 \$2configur \$4 near2 database  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L62 | 516   | (user customer client subscriber) near2 \$2configur \$4 near2 database and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L63 | 41526 | (data near storage) and ((rule near store) database (data near bank)) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L64 | 15747 | (data near storage) and ((rule near store) database (data near bank)) and (user near (interface I/F)) and @ad< "20030508"                   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L65 | 44    | ((data near storage) same ((rule near store) database (data near bank)) same (user near (interface I/F))) and (handler) and @ad< "20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |

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| L66 | 5814 | 707/3.ccls. and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L67 | 1749 | 707/3.ccls. and<br>@pd< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L68 | 477  | 707/3.ccls. and (search\$3<br>and receiv\$3 and user near<br>interface) and<br>@pd< "20020508"                                       | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L69 | 73   | (user customer client<br>subscriber) near \$2configur<br>\$4 near database and<br>@ad< "20030508"                                    | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L70 | 232  | database and (policy near<br>document) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L71 | 185  | (dynamic chang\$4 add\$3<br>remov\$3) same database<br>and (policy near document)<br>and @ad< "20030508"                             | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L72 | 454  | 707/3.ccls. and (search\$3<br>and receiv\$3 and user near<br>interface) and (rule table<br>list) and @pd< "20020508"                 | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L73 | 431  | 707/3.ccls. and (search\$3<br>and receiv\$3 and user near<br>interface) and (rule store)<br>and @pd< "20020508"                      | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L74 | 188  | database and (policy near<br>document) and user near<br>(interface I/F) and (table list<br>(rule near store)) and<br>@ad< "20030508" | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L75 | 201  | 707/3.ccls. and (search\$3<br>and receiv\$3 and user near<br>interface) and (rule) and<br>@pd< "20020508"                            | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L76 | 230  | ((object?oriented near<br>program\$4) object?<br>oriented) same handler  | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | OFF | 2009/04/21<br>13:33 |
| L77 | 221  | ((object?oriented near<br>program\$4) object?<br>oriented) same handler and<br>@ad< "20030508"                                       | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L78 | 5    | ((object?oriented near<br>program\$4) object?<br>oriented) same handler near<br>program\$4   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2009/04/21<br>13:33 |
| L79 | 1    | Wo01/75589   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; DERWENT | OR | ON  | 2009/04/21<br>13:33 |

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| L80 | 2     | "20040068514"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L81 | 32166 | ((add\$3 remov\$3 chang\$4)<br>near2 database)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L82 | 582   | ((add\$3 and remov\$3 and<br>chang\$4) near2 database)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L83 | 343   | ((add\$3 and remov\$3 and<br>chang\$4) near2 database)<br>and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L84 | 229   | ((add\$3 and remov\$3 and<br>chang\$4) near2 database)<br>and (user near interface)<br>and @ad< "20030508"                              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L85 | 32    | ((add\$3 and remov\$3 and<br>chang\$4) near database)<br>and (user near interface)<br>and @ad< "20030508"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L86 | 0     | ((add\$3 and remov\$3 and<br>chang\$4) near2 (multi\$6<br>plural\$5) near database)<br>and (user near interface)<br>and @ad< "20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L87 | 0     | ((add\$3 and remov\$3 and<br>chang\$4) near2 (multi\$6<br>plural\$5) near database)<br>and @ad< "20030508"                              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L88 | 121   | ((add\$3 remov\$3 chang\$4)<br>near2 (multi\$6 plural\$5)<br>near database) and<br>@ad< "20030508"                                      | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L89 | 129   | (search near engine) with<br>XML and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L90 | 70    | (search near engine) with<br>XML and ("707".clas. "710".<br>clas.) and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L91 | 61    | (search near engine) with<br>XML and (quer\$4) and<br>("707".clas. "710".clas.) and<br>@ad< "20020508"                                  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L92 | 29    | (search near engine) with<br>XML same (quer\$4) and<br>("707".clas. "710".clas.) and<br>@ad< "20020508"                                 | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L93 | 30    | (search near engine) with<br>XML and (default) and<br>("707".clas. "710".clas.) and<br>@ad< "20020508"                                  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |



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| L94  | 48  | (search near engine) with XML and (default) and ("707".clas. "710".clas.) and @ad< "20020508"                | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L95  | 89  | (search near engine) with XML and (quer\$4) and ("707".clas. "710".clas.) and @ad< "20020508"                | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L96  | 35  | (search near engine) with XML and (data near store) and ("707".clas. "710".clas.) and @ad< "20020508"        | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L97  | 26  | (search near engine) with XML and (handler) and ("707".clas. "710".clas.) and @ad< "20020508"                | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L98  | 11  | (search near engine) with XML and (data near handler) and ("707".clas. "710".clas.) and @ad< "20020508"      | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L99  | 658 | 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L100 | 63  | (data adj store) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"                                      | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L101 | 39  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"             | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L102 | 1   | (data adj store) and (user adj interface) and handler and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L103 | 5   | (data adj store) and handler and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"                          | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L104 | 5   | (data adj store) and handler and dynamic and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |
| L105 | 24  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and dynamic | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/04/21<br>13:33 |

|      |    |   |                                |    |    |                     |
|------|----|---|--------------------------------|----|----|---------------------|
| L106 | 17 | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508" and dynamic and (add\$5 remov\$3 chang\$3) near2 (database databank "data store")         | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L107 | 2  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508" and dynamic and (add\$5 and remov\$3 and chang\$3) near2 (database databank "data store") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L108 | 8  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508" and dynamic and (add\$5 and remov\$3 chang\$3) near2 (database databank "data store")     | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L109 | 0  | (call identif\$4) near (database "datastore" "data store") near5 (target\$3) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L110 | 1  | (call identif\$4) near2 (database "datastore" "data store") near5 (target\$3) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L111 | 65 | (call identif\$4) near (database "datastore" "data store") and 707/102.ccls. and 707/10.ccls. and @ad<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L112 | 34 | (call identif\$4) adj (database "datastore" "data store") and 707/102.ccls. and 707/10.ccls. and @ad<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L113 | 1  | (quer\$3 request) adj3 identif\$4 adj3 (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |
| L114 | 9  | (quer\$3 request) adj5 identif\$4 adj5 (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2009/04/21<br>13:33 |

|      |     |   |                                     |    |     |                     |
|------|-----|---|-------------------------------------|----|-----|---------------------|
| L115 | 1   | (quer\$3 request) adj5 identif \$4 adj5 (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and handler | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | ON  | 2009/04/21<br>13:33 |
| L116 | 7   | (handler near (program routine)) and (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"                | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | ON  | 2009/04/21<br>13:33 |
| L117 | 1   | 707/102.ccls. and 710/36.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | ON  | 2009/04/21<br>13:33 |
| L118 | 0   | ((nektarios near georgalas) and (michael near fisher) and (clare near bradford) and @ay= "2003"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L119 | 425 | ((nektarios near georgalas) (michael near fisher) (clare near bradford) and @ay= "2003"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L120 | 0   | ((nektarios near georgalas) and nixon and @ay= "2003"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L121 | 0   | ((nektarios near georgalas) and british and @ay= "2003"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L122 | 0   | ((nektarios near georgalas) and british and @ay= "2004"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L123 | 0   | ((nektarios near georgalas) and british and @ay= "2002"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L124 | 1   | ((nektarios near georgalas) and british   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L125 | 21  | ((nektarios near georgalas) (michael near fisher) (clare near bradford)) and british  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L126 | 12  | ((nektarios near georgalas) (michael near fisher) (clare near bradford)) and handler  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L127 | 4   | ("6327618" "5889953").pn.   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L128 | 2   | "6327618".pn.   | US-PGPUB;<br>USPAT; JPO;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |

|      |       |  |                                     |    |     |                     |
|------|-------|--|-------------------------------------|----|-----|---------------------|
| L129 | 12488 | (select choose specif\$3)<br>same (handler)  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L130 | 125   | (select choose specif\$3)<br>same (program near<br>handler)  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L131 | 80    | (select choose specif\$3)<br>same (program near<br>handler) and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L132 | 68    | (select choose specif\$3)<br>same (program near<br>handler) and<br>@ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L133 | 5675  | (select choose specif\$3)<br>same ((program near<br>handler) or handler) and<br>@ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L134 | 6     | ("6952743" "6052797"<br>"7359380").pn.   | US-PGPUB;<br>USPAT; JPO;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L135 | 19    | (select choose specif\$3)<br>same ((program near<br>handler) and handler) and<br>@ad< "20020508" and<br>("710" "707").clas.  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L136 | 644   | ((identif\$3 detect\$3 monitor<br>\$3) and (select choose specif<br>\$3)) same (((software<br>program) near handler)<br>handler) and<br>@ad< "20020508" and<br>("710" "707").clas. | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L137 | 27    | (select choose specif\$3)<br>same ((program near<br>handler) and handler) and<br>(databas\$3) and<br>@ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L138 | 68    | (select choose specif\$3)<br>same ((program near<br>handler) and handler) and<br>@ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L139 | 0     | L138 and heterogeneous<br>same data same storage   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L140 | 1     | L138 and heterogeneous<br>same (data storage)  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |
| L141 | 1     | L138 and heterogeneous   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2009/04/21<br>13:33 |

|      |     |   |                                     |    |     |                     |
|------|-----|---|-------------------------------------|----|-----|---------------------|
| L142 | 13  | (US-20050216498-\$ or US-20040044718-\$ or US-20020042789-\$ or US-20010051942-\$ or US-20040068514-\$).did. or (US-7019740-\$ or US-7089228-\$ or US-6327618-\$ or US-7398252-\$ or US-6934738-\$ or US-5964831-\$ or US-7069546-\$ or US-6754704-\$).did. | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/04/21<br>13:33 |
| L143 | 5   | L142 and (heterogeneous)  | US-PGPUB;<br>USPAT; JPO;<br>DERWENT | OR | ON  | 2009/04/21<br>13:33 |
| L144 | 13  | (US-20050216498-\$ or US-20040044718-\$ or US-20020042789-\$ or US-20010051942-\$ or US-20040068514-\$).did. or (US-7019740-\$ or US-7089228-\$ or US-6327618-\$ or US-7398252-\$ or US-6934738-\$ or US-5964831-\$ or US-7069546-\$ or US-6754704-\$).did. | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/04/21<br>13:33 |
| L145 | 4   | L144 and default  | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/04/21<br>13:33 |
| S1   | 1   | 10/511905   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/21<br>07:43 |
| S2   | 2   | "20050216498"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/21<br>08:48 |
| S3   | 3   | (find SEARCH) and (RULE near2 (table list record STORAGE)) and ((USER near INTERFACE) I/F LINK adapter) and (REQUEST instruction command) and (haNDLE near PROGRAM) and ((dATA near STORAGE) memory queue)  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/21<br>08:52 |
| S4   | 217 | (find SEARCH) and ((table list record STORAGE) and ((USER near INTERFACE) I/F LINK adapter) and (REQUEST instruction command) and (haNDLE near PROGRAM) and ((dATA near STORAGE) memory queue)  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/21<br>08:53 |

|     |       |  |                                |    |     |                     |
|-----|-------|--|--------------------------------|----|-----|---------------------|
| S5  | 24643 | (710/36 710/39-41).ccls.<br>(707/102 707/110).ccls.<br>(g06f3/00 g06f7/00<br>g06f17/00 g06f17/30).ipc.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>09:03 |
| S7  | 166   | (S4) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>08:55 |
| S8  | 8691  | (S5) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>08:55 |
| S9  | 2     | (S3) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>08:55 |
| S11 | 378   | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/28<br>16:48 |
| S15 | 4     | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and british<br>near telecommunications<br>and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>09:46 |
| S16 | 327   | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/22<br>15:59 |
| S18 | 49    | (US-20060058987-\$ or US-<br>20020169979-\$ or US-<br>20030037206-\$ or US-<br>20030200194-\$ or US-<br>20040044718-\$ or US-<br>20040264500-\$ or US-<br>20050021818-\$ or US-<br>20050128951-\$ or US-<br>20050204114-\$ or US-<br>20050246452-\$ or US-<br>20060190505-\$ or US-<br>20070005404-\$ or US-<br>20070005766-\$).did. or (US-<br>6154849-\$ or US-6289394-\$<br>or US-6584502-\$ or US-<br>6275228-\$ or US-5182705-\$<br>or US-5557515-\$ or US-<br>5864558-\$ or US-6222850-\$<br>or US-6272612-\$ or US-<br>6314555-\$ or US-6708173-\$<br>or US-6876668-\$ or US-<br>6877066-\$ or US-7076562-\$<br>or US-7089228-\$ or US-<br>7185046-\$ or US-6968329-\$<br>or US-5691917-\$ or US-<br>5530868-\$ or US-5291599-\$<br>or US-5634070-\$ or US-<br>5657451-\$ or US-5708838-\$<br>or US-5742673-\$ or US- | US-PGPUB;<br>USPAT             | OR | OFF | 2007/05/22<br>16:04 |

|     |    |  |                                |    |     |                     |
|-----|----|--|--------------------------------|----|-----|---------------------|
|     |    | 5768591-\$ or US-5774721-\$). did. or (US-6003129-\$ or US-6070218-\$ or US-6070219-\$ or US-4266294-\$ or US-4393470-\$ or US-4595980-\$ or US-4621326-\$ or US-4866421-\$ or US-5012403-\$ or US-5197138-\$). did. |                                |    |     |                     |
| S21 | 4  | S18 and S5   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>09:03 |
| S25 | 11 | (data near storage near system near interface) and "707".clac. and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>09:49 |
| S28 | 8  | (data near storage near system near interface).tl. and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>09:54 |
| S31 | 4  | S18 and (S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/21<br>09:59 |
| S42 | 21 | database same (policy near document) and user near (interface I/F) and (table list (rule near store)) and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>14:18 |
| S43 | 22 | ((nektarios near georgalas) (michael near fisher) (clare near bradford)) and database and @ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/22<br>16:01 |
| S47 | 11 | (rule near store) same (handler program) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/22<br>16:06 |
| S48 | 9  | (rule near store) same (handler program) and (interface I/F) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/22<br>16:08 |
| S51 | 0  | ((data near storage) same ((rule near store) database (data near bank)) same (user near (interface I/F))) and (handler near program) and @ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>16:14 |
| S59 | 2  | 707/3.ccls. and (search\$3 and receiv\$3 and user near interface) and (modif\$3 near (rule)) and @pd< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>16:48 |
| S60 | 0  | 707/3.ccls. and user near (chang\$3 modify\$3) near rule and @pd< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>16:48 |

|     |    |   |                                |    |     |                     |
|-----|----|---|--------------------------------|----|-----|---------------------|
| S61 | 2  | 707/3.ccls. and dynamic near rule and @pd<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>16:52 |
| S62 | 0  | 707/3.cor. and dynamic near rule and @pd<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>16:52 |
| S63 | 59 | 707/3.cor. and (search\$3 and receiv\$3 and user near interface) and (rule) and @pd<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/22<br>16:52 |
| S70 | 31 | ((database databank) same ((object?oriented near program\$4) object? oriented) same handler and (user near interface)and @ad<"20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>11:06 |
| S71 | 6  | ((database databank) same ((object?oriented near program\$4) object? oriented) same handler and user near interface and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>11:05 |
| S72 | 25 | S70 not S71   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>11:06 |
| S77 | 5  | ((database databank (data near storage near system)) and (handler near program) same (user near interface) and @ad<"20030508"           | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>11:23 |
| S78 | 25 | ((handler near program) same ((name ID identification) and (location address)) and @ad<"20030508"                                       | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>11:25 |
| S81 | 33 | ((database databank (data near storage near system)) same store near2 handler and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>11:31 |
| S84 | 14 | ((database databank (data near storage near system)) same store adj5 handler and @ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>13:33 |
| S85 | 1  | Wo01/75589  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>13:33 |
| S88 | 21 | program near ((ID name) and (address location)) same (database databank) and @ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>15:39 |



|      |      |   |                                |    |     |                     |
|------|------|---|--------------------------------|----|-----|---------------------|
| S89  | 4    | S88 and "707".clas.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>15:39 |
| S90  | 1    | S88 and "707".clas. and<br>default  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>15:40 |
| S91  | 3    | S88 and default not S89   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>15:41 |
| S94  | 3    | ((find SEARCH) and (RULE<br>near2 (table list record<br>STORAGE)) and ((USER<br>near INTERFACE) I/F LINK<br>adapter) and (REQUEST<br>instruction command) and<br>(HANDLE near PROGRAM)<br>and ((DATA near STORAGE)<br>memory queue) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S95  | 166  | (S92) and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S96  | 8729 | (S93) and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S97  | 378  | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and<br>@ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S98  | 327  | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and<br>@ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S99  | 121  | (data near storage near<br>system near interface) and<br>@ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S100 | 40   | (data near storage near<br>system near interface) and<br>"710".clas. and<br>@ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S101 | 8563 | ((add\$3 remov\$3 chang\$3)<br>near database and<br>@ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S102 | 9046 | ((add\$3 remov\$3 chang\$3)<br>near database and<br>@ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S103 | 186  | database and (policy near<br>document) and user near<br>(interface I/F) and<br>@ad<"20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S104 | 1    | (rule near store) same<br>handler near program  | US-PGPUB;<br>USPAT             | OR | OFF | 2007/05/23<br>20:15 |

|      |       |  |                                |    |     |                     |
|------|-------|--|--------------------------------|----|-----|---------------------|
| S105 | 2     | (rule near store) same<br>(handler same program)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S106 | 30    | (rule near store) same<br>(handler program)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S107 | 169   | (add\$3 remov\$3 chang\$3)<br>near database and (dynamic<br>\$4 near \$2configur\$4) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S108 | 821   | (user customer client<br>subscriber) near2 \$2configur<br>\$4 near2 database   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S109 | 474   | (user customer client<br>subscriber) near2 \$2configur<br>\$4 near2 database and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S110 | 39537 | (data near storage) and<br>((rule near store) database<br>(data near bank)) and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S111 | 14544 | (data near storage) and<br>((rule near store) database<br>(data near bank)) and (user<br>near (interface I/F)) and<br>@ad< "20030508"                      | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/23<br>20:15 |
| S112 | 41    | ((data near storage) same<br>((rule near store) database<br>(data near bank)) same<br>(user near (interface I/F)))<br>and (handler) and<br>@ad< "20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S113 | 5362  | 707/3.ccls. and<br>@ad< "20030508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S114 | 1748  | 707/3.ccls. and<br>@pd< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S115 | 477   | 707/3.ccls. and (search\$3<br>and receiv\$3 and user near<br>interface) and<br>@pd< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S116 | 67    | (user customer client<br>subscriber) near \$2configur<br>\$4 near database and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S117 | 219   | database and (policy near<br>document) and<br>@ad< "20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>20:15 |

|      |       |   |   |    |     |                     |
|------|-------|---|---|----|-----|---------------------|
| S118 | 177   | (dynamic chang\$4 add\$3 remov\$3) same database and (policy near document) and @ad<"20030508"                          | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S119 | 454   | 707/3.ccls. and (search\$3 and receiv\$3 and user near interface) and (rule table list) and @pd<"20020508"              | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S120 | 431   | 707/3.ccls. and (search\$3 and receiv\$3 and user near interface) and (rule store) and @pd<"20020508"                   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S121 | 182   | database and (policy near document) and user near (interface i/F) and (table list (rule near store)) and @ad<"20030508" | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S122 | 201   | 707/3.ccls. and (search\$3 and receiv\$3 and user near interface) and (rule) and @pd<"20020508"                         | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S123 | 187   | ((object?oriented near program\$4) object? oriented) same handler   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | OFF | 2007/05/23<br>20:15 |
| S124 | 212   | ((object?oriented near program\$4) object? oriented) same handler and @ad<"20030508"                                    | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S125 | 4     | ((object?oriented near program\$4) object? oriented) same handler near program\$4                                       | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>20:15 |
| S126 | 1     | Wo01/75589  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; DERWENT | OR | ON  | 2007/05/23<br>20:15 |
| S127 | 2     | "20040068514"   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | OFF | 2007/05/23<br>20:59 |
| S128 | 23837 | ((add\$3 remov\$3 chang\$4) near2 database)   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>21:00 |
| S129 | 449   | ((add\$3 and remov\$3 and chang\$4) near2 database)   | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>21:00 |
| S130 | 314   | ((add\$3 and remov\$3 and chang\$4) near2 database) and @ad<"20030508"  | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>21:03 |
| S131 | 212   | ((add\$3 and remov\$3 and chang\$4) near2 database) and (user near interface) and @ad<"20030508"                        | US-PGPUB;<br>USPAT;<br>DERWENT            | OR | ON  | 2007/05/23<br>21:01 |

|      |     |  |                                |    |     |                     |
|------|-----|--|--------------------------------|----|-----|---------------------|
| S132 | 31  | ((add\$3 and remov\$3 and chang\$4) near database) and (user near interface) and @ad<"20030508"                            | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>21:02 |
| S133 | 0   | ((add\$3 and remov\$3 and chang\$4) near2 (multi\$6 plural\$5) near database) and (user near interface) and @ad<"20030508" | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>21:02 |
| S134 | 0   | ((add\$3 and remov\$3 and chang\$4) near2 (multi\$6 plural\$5) near database) and @ad<"20030508"                           | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>21:03 |
| S135 | 117 | ((add\$3 remov\$3 chang\$4) near2 (multi\$6 plural\$5) near database) and @ad<"20030508"                                   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/23<br>21:03 |
| S136 | 109 | (search near engine) with XML and @ad<"20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/24<br>09:57 |
| S137 | 59  | (search near engine) with XML and ("707".clas. "710". clas.) and @ad<"20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/24<br>09:58 |
| S138 | 52  | (search near engine) with XML and (quer\$4) and ("707".clas. "710".clas.) and @ad<"20020508"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/24<br>10:03 |
| S139 | 22  | (search near engine) with XML same (quer\$4) and ("707".clas. "710".clas.) and @ad<"20020508"                              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/24<br>10:02 |
| S140 | 26  | (search near engine) with XML and (default) and ("707".clas. "710".clas.) and @ad<"20020508"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/24<br>10:03 |
| S141 | 38  | (search near engine) with XML and (default) and ("707".clas. "710".clas.) and @ad<"20020508"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/24<br>10:03 |
| S142 | 77  | (search near engine) with XML and (quer\$4) and ("707".clas. "710".clas.) and @ad<"20020508"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/24<br>10:03 |
| S143 | 32  | (search near engine) with XML and (data near store) and ("707".clas. "710".clas.) and @ad<"20020508"                       | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/24<br>10:04 |
| S144 | 24  | (search near engine) with XML and (handler) and ("707".clas. "710".clas.) and @ad<"20020508"                               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/24<br>10:11 |

|      |     |  |                                |    |     |                     |
|------|-----|--|--------------------------------|----|-----|---------------------|
| S145 | 11  | (search near engine) with XML and (data near handler) and ("707".clas. "710".clas.) and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/24<br>10:12 |
| S146 | 626 | 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:46 |
| S147 | 59  | (data adj store) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:47 |
| S148 | 36  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:53 |
| S149 | 1   | (data adj store) and (user adj interface) and handler and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:49 |
| S150 | 5   | (data adj store) and handler and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:52 |
| S151 | 5   | (data adj store) and handler and dynamic and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:53 |
| S152 | 23  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and dynamic   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2007/05/27<br>15:55 |
| S153 | 17  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and dynamic and (add\$5 remov \$3 chang\$3) near2 (database databank "data store")        | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/27<br>15:59 |
| S154 | 2   | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and dynamic and (add\$5 and remov\$3 and chang\$3) near2 (database databank "data store") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2007/05/27<br>15:55 |

|      |    |  |                                |    |    |                     |
|------|----|--|--------------------------------|----|----|---------------------|
| S155 | 8  | (data adj store) and (user adj interface) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and dynamic and (add\$5 and remov\$3 chang\$3) near2 (database databank "data store") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>15:55 |
| S156 | 0  | (call identif\$4) near (database "datastore" "data store") near5 (target\$3) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:02 |
| S157 | 1  | (call identif\$4) near2 (database "datastore" "data store") near5 (target\$3) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:02 |
| S158 | 60 | (call identif\$4) near (database "datastore" "data store") and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:03 |
| S159 | 32 | (call identif\$4) adj (database "datastore" "data store") and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:05 |
| S160 | 1  | (quer\$3 request) adj3 identif\$4 adj3 (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:06 |
| S161 | 9  | (quer\$3 request) adj5 identif\$4 adj5 (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/28<br>16:44 |
| S162 | 1  | (quer\$3 request) adj5 identif\$4 adj5 (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508" and handler                                   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:11 |
| S163 | 7  | (handler near (program routine) and (database datastore "data store" databank) and 707/102.ccls. and 707/10.ccls. and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/27<br>16:11 |
| S164 | 1  | 707/102.ccls. and 710/36.ccls. and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/05/28<br>16:44 |

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|------|-------|---|-------------------------------------|----|-----|---------------------|
| S165 | 0     | (nektarios near georgalas)<br>and (michael near fisher)<br>and (clare near bradford)<br>and @ay= "2003" | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:51 |
| S166 | 374   | (nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford) and<br>@ay= "2003"         | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:49 |
| S167 | 0     | (nektarios near georgalas)<br>and nixon and @ay= "2003"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:49 |
| S168 | 0     | (nektarios near georgalas)<br>and british and @ay= "2003"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:49 |
| S169 | 0     | (nektarios near georgalas)<br>and british and @ay= "2004"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:50 |
| S170 | 0     | (nektarios near georgalas)<br>and british and @ay= "2002"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:50 |
| S171 | 1     | (nektarios near georgalas)<br>and british   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:50 |
| S172 | 21    | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and british              | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:53 |
| S173 | 7     | ((nektarios near georgalas)<br>(michael near fisher) (clare<br>near bradford)) and handler              | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:57 |
| S174 | 4     | ("6327618" "5889953") .pn.  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2007/05/28<br>16:57 |
| S175 | 2     | "6327618" .pn.  | US-PGPUB;<br>USPAT; JPO;<br>DERWENT | OR | ON  | 2008/01/14<br>09:58 |
| S176 | 11515 | (select choose specif\$3)<br>same (handler)   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/19<br>18:52 |
| S177 | 118   | (select choose specif\$3)<br>same (program near<br>handler)   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/19<br>18:52 |
| S178 | 79    | (select choose specif\$3)<br>same (program near<br>handler) and<br>@ad< "20030508"                      | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/19<br>18:53 |
| S179 | 68    | (select choose specif\$3)<br>same (program near<br>handler) and<br>@ad< "20020508"                      | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/19<br>18:53 |

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| S180 | 5642 | (select choose specif\$3) same ((program near handler) or handler) and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/19<br>18:54 |
| S182 | 6    | ("6952743" "6052797" "7359380").pn.   | US-PGPUB;<br>USPAT; JPO;<br>DERWENT | OR | ON  | 2008/09/22<br>14:40 |
| S183 | 19   | (select choose specif\$3) same ((program near handler) and handler) and @ad< "20020508" and ("710" "707").clas.   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/23<br>17:31 |
| S184 | 632  | ((Identif\$3 detect\$3 monitor \$3) and (select choose specif \$3)) same ((software program) near handler) handler) and @ad< "20020508" and ("710" "707").clas.   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/23<br>17:33 |
| S185 | 27   | (select choose specif\$3) same ((program near handler) and handler) and (databas\$3) and @ad< "20020508"  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/25<br>08:54 |
| S186 | 68   | (select choose specif\$3) same ((program near handler) and handler) and @ad< "20020508"   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/25<br>10:24 |
| S187 | 0    | S186 and heterogeneous same data same storage   | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/25<br>10:24 |
| S188 | 1    | S186 and heterogeneous same (data storage)  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/25<br>10:24 |
| S189 | 1    | S186 and heterogeneous  | US-PGPUB;<br>USPAT;<br>DERWENT      | OR | OFF | 2008/09/25<br>10:25 |
| S190 | 13   | (US-20050216498-\$ or US-20040044718-\$ or US-20020042789-\$ or US-20010051942-\$ or US-20040068514-\$).did. or (US-7019740-\$ or US-7089228-\$ or US-6327618-\$ or US-7398252-\$ or US-6934738-\$ or US-5964831-\$ or US-7069546-\$ or US-6754704-\$).did. | US-PGPUB;<br>USPAT                  | OR | ON  | 2008/09/25<br>10:27 |
| S191 | 5    | S190 and (heterogeneous)  | US-PGPUB;<br>USPAT; JPO;<br>DERWENT | OR | ON  | 2008/09/25<br>10:27 |



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|------|----|---|--------------------|----|----|---------------------|
| S192 | 13 | (US-20050216498-\$ or US-20040044718-\$ or US-20020042789-\$ or US-20010051942-\$ or US-20040068514-\$).did. or (US-7019740-\$ or US-7089228-\$ or US-6327618-\$ or US-7398252-\$ or US-6934738-\$ or US-5964831-\$ or US-7069546-\$ or US-6754704-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2008/09/26<br>14:36 |
| S193 | 4  | S192 and default  | US-PGPUB;<br>USPAT | OR | ON | 2008/09/26<br>14:37 |

4/ 21/ 2009 2:45:24 PM

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